

Clean version of claims

Please cancel claim 7.

Please add new claims 9 and 10.

1. (Amended three times) A method for the optimization of the production of an Ad vector, comprising the steps of

a) transferring a nucleotide sequence or a cDNA of p21 into a production cell line for the Ad vector,

b) expressing the nucleotide sequence or the cDNA therein, irrespective of the endogenous state of the cell cycle regulator p21 in the cell line, and

c) obtaining the Ad vector from the production cell line.

2. (Amended three times) The method of claim 1 comprising utilizing a constitutive promoter coupled to the nucleotide sequence or the cDNA of p21 for the generation of stably transfected cell lines.

3. (Amended three times) The method of claim 1 comprising utilizing a regulatable promoter coupled to the nucleotide sequence or the cDNA of p21 for the generation of stably transfected cell lines.

4. (Amended three times) The method of claim 1 comprising utilizing a constitutive promoter coupled to the nucleotide sequence or the cDNA of p21 for the generation of transiently transfected cell lines.

5. (Amended three times) The method of claim 1 comprising utilizing a regulatable promoter coupled to the nucleotide sequence or the cDNA of p21 for the generation of transiently transfected cell lines.

6. (Amended three times) The method of claim 1 wherein the transfer of the nucleotide sequence or the cDNA of p21 is carried out using known transfer techniques either as naked DNA or employing viral or nonviral vectors.

9. (new) A method for preventing apoptosis in a production cell line for Ad vector, comprising

b) introducing a nucleotide sequence encoding p21 into a vector to obtain a modified vector, followed by

b) transferring of said modified vector into said production cell line from which an Ad vector may be obtained, and thereby

c) generating a transfected production cell line which resists apoptosis,

wherein said nucleotide sequence is coupled to a constitutive or regulatable promoter for the expression of said nucleotide sequence.

10. (new) The method of claim 1, wherein said transfected cell line is a stable or a transient cell line.